

Sheet 1 of 2

Form PTO-1449

**INFORMATION DISCLOSURE STATEMENT  
IN AN APPLICATION**

(Use several sheets if necessary)

Docket No. (optional)

010077.02 US

Application Number:

10/712,897

Applicant:

Regentin et al.

Filing Date:

Nov. 12, 2003

Group Art Unit:

1632-1651

**U.S. PATENT DOCUMENTS**

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Name	Class	Sub-class	Filing Date If Appropriate
	A1	US 5,712,146	01/1998	Khosla et. al.	435	252.35	
	A2	US 5,830,750	11/1998	Khosla et. al.	435	252.35	
	A3	US 5,962,290	10/1999	Khosla et al.	435	183	
	A4	US 6,033,883	03/2000	Barr et al.	435	148	
	A5	US 6,080,555	06/2000	Khosla et al.	435	41	
	A6	US 6,177,262	01/2001	Ziermann et al.	435	76	
	A7	US 6,261,816 B1	07/2001	Khosla et al.	435	183	
	A8	US 6,451,768 B1	09/2002	Chu	514	29	
	A9	US 6,509,455 B1	01/2003	Ashley et al.	536	23.2	
	A10	US 6,551,802 B1	04/2003	Khosla et al.	435	76	
	A11	US 6,558,942 B1	05/2003	Khosla et al.	435	252.35	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Country	Class	Sub-class	Translation Enclosed?
	B1	WO 00/44717 A2	08/2000	PCT			
	B2	WO 01/31035 A2	05/2001	PCT			
	B3	WO 01/31049 A2	05/2001	PCT			
	B4	WO 02/12534 A2	02/2002	PCT			

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initial	Cite No. <sup>1</sup>	Details of Document	Translation enclosed?
	C1	Cortes et al., "Repositioning of a Domain in a Modular Polyketide Synthase to Promote Specific Chain Cleavage," Science 268, 1487-1489 (1995)	
	C2	Raganathan et al., "Knowledge-based design of bimodular and trimodular polyketide synthases based on domain and module swaps: a route to simple statin analogues," Chem. Biol 6, 731-741 (1999)	

Examiner

Date considered

11-30-05

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.


<sup>1</sup> Applicant's unique citation designation number (optional).

Form PTO-1449  <b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket No. (optional)	Application Number:
	010077.02 US	10/712,897
	Applicant: Regentin et al.	
	Filing Date: Nov. 12, 2003	Group Art Unit: 1632-1657

U.S. PATENT DOCUMENTS							
Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Name	Class	Sub-class	Filing Date If Appropriate
WJ	A14	US 6,562,602 B2	05/2003	Licari et al.	435	123	
	A15	US 2002/0119937 A1	08/2002	Khosla et al.	514	28	
	A16	US 2002/0137152 A1	09/2002	Santi et al.	435	118	
WJ	A17	US 2004/0014183 A1	01/2004	Licari et al.	435	118	

FOREIGN PATENT DOCUMENTS							
Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Country	Class	Sub-class	Translation Enclosed?

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
Examiner Initial	Cite No. <sup>1</sup>	Details of Document	Translation enclosed?
WJ	C3	Leaf et al., "Employing racemic precursors in directed biosynthesis of 6-dEB analogs," J. Chem. Technol. Biotechnol. 77, 1122-1126 (2002)	
	C4	Kao et al., "Evidence for Two Catalytically Independent Clusters of Active Sites in a Functional Modular Polyketide Synthase," Biochemistry, 35, 12363-12368 (1996)	
	C5	Hu et al., "Enhanced heterologous polyketide production in <i>Streptomyces</i> by exploiting plasmid co-integration," J. Ind. Microbiol. Biotechnol., 30 (8), 516-522 (2003)	
	C6	Gokhale et al., "Dissecting and Exploiting intermodular Communication in Polyketide Synthases," Science, 284, 482-485 (1999)	
	C7	McDaniels et al., "Engineered Biosynthesis of Novel Polyketides," Science, 262, 1546-1550 (1993)	
	C8	Kieser et al., Practical <i>Streptomyces</i> Genetics, p. 153 (John Innes Foundation, Norwich, UK, 2000)	
	C9	Kao et al., "Manipulation of Macrolide Ring Size by Directed Mutagenesis of a Modular Polyketide Synthase," J. Am. Chem. Soc., 117, 9105-9106 (1995)	
	C10	Weissman et al., "Evaluating precursor-directed biosynthesis towards novel erythromycins through <i>in vitro</i> studies on a bimodular polyketide synthase," Chem. Biol. 5, 743-754 (1998)	
WJ	C11	Regentin et al., "Precursor-directed biosynthesis of novel triketide lactones," Biotechnol Prog. 20 (1), 122-7 (Jan.-Feb. 2004)	

Examiner: 	Date considered: 11/29/08
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Docket No. (optional)

010077.02 US

Application Number:

10/712,897

Applicant:

Regentin et al.

Filing Date:

Nov. 12, 2003

Group Art Unit:

1632-1657



# **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION**

(Use several sheets if necessary)

## **U.S. PATENT DOCUMENTS**

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Name	Class	Sub-class	Filing Date If Appropriate
<i>W</i>	D1	US 6,274,560 B1	08/2001	Khosla et al.	514	29	8/13/1999
<i>W</i>	D2	US 2004/0045220 A1	04/2002	Khosla et al.	435	76	2/23/2001

## **FOREIGN PATENT DOCUMENTS**

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Country	Class	Sub-class	Translation Enclosed?

## **OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

Examiner Initial	Cite No. <sup>1</sup>	Details of Document	Translation enclosed?

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Date considered

11/20/08

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Form PTO-1449  <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>	Docket No. (optional) <b>010077.02 US</b>	Application Number: <b>10/712,897</b>
	Applicant: <b>Regentin et al.</b>	
	Filing Date: <b>Nov. 12, 2003</b>	Group Art Unit: <b>1632-1651</b>

**U.S. PATENT DOCUMENTS**

Examiner Initial	Cite No. <sup>1</sup>	Document Number	Date	Name	Class	Sub-class	Filing Date if Appropriate
<i>W</i>	D1	US 6,274,560 B1	08/2001	Khosla et al.	514	29	8/13/1999
<i>W</i>	D2	US 2004/0045220 A1	04/2002	Khosla et al.	435	76	2/23/2001

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Examiner Initial	Cite No. <sup>1</sup>	Details of Document	Translation enclosed?

Examiner <i>Richard Allen</i>	Date considered <i>11-30-05</i>
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